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1961 U.S. PTO

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PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. KSU-189

First Inventor Oleg Yaroshchuk

Title Optical Compensation Film for Liquid Crystal Display

Express Mail Label No. EL617150589US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 29]
(preferred arrangement set forth below)
-Descriptive title of the Invention
-Cross Reference to Related Applications
-Statement Regarding Fed sponsored R & D
-Reference to sequence listing, a table, or a computer program listing appendix
-Background of the Invention
-Brief Summary of the Invention
-Brief Description of the Drawings (if filed)
-Detailed Description
-Claim(s)
-Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 10]

5. Oath or Declaration [Total Sheets 3]

a. Unexecuted (original or copy)
b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 17 completed)
i. DELETION OF INVENTOR(S)
signed statement attached deleting
inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
a. Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. CD-ROM or CD-R (2 copies); or
ii. paper
c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) statement Power of Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Other: Check in the amount of \$355.00

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. _____

Prior application information: Examiner _____

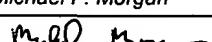
Group/Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label or Correspondence address below
(Insert Customer No. or Attach bar code label here)

Name	Ray L. Weber			
Address	Renner, Kenner, Greive, Bobak, Taylor & Weber 16 th Floor, First National Tower			
City	Akron	State	OH	Zip Code
Country	US	Telephone	330-376-1242	Fax

Name (Print/type)	Michael F. Morgan	Registration No. (Attorney/Agent)	42,906
Signature		Date	11-27-00

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 355.00)

Complete if Known

Application Number	
Filing Date	11/27/2000
First Named Inventor	Yaroshchuk, et al.
Examiner Name	
Group/Art Unit	
Attorney Docket No.	KSU-189

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 18-0987

Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description		Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
105	130	205	65	Surcharge – late filing fee or oath
127	50	227	25	Surcharge – late provisional filing fee or cover sheet.
139	130	139	130	Non-English specification
147	2,520	147	2,520	For filing a request for reexamination
112	920*	112	920*	Requesting publication of SIR prior to Examiner action
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action
115	110	215	55	Extension for reply within first month
116	390	216	195	Extension for reply within second month
117	890	217	445	Extension for reply within third month
118	1,390	218	695	Extension for reply within fourth month
128	1,890	228	945	Extension for reply within fifth month
119	310	219	155	Notice of Appeal
120	310	220	155	Filing a brief in support of an appeal
121	270	221	135	Request for oral hearing
138	1,510	138	1,510	Petition to institute a public use proceeding
140	110	240	55	Petition to revive – unavoidable
141	1,240	241	620	Petition to revive – unintentional
142	1,240	242	620	Utility issue fee (or reissue)
143	440	243	220	Design issue fee
144	600	244	300	Plant issue fee
122	130	122	130	Petitions to the Commissioner
123	50	123	50	Petitions related to provisional applications
126	240	126	240	Submission of information Disclosure Stmt
581	40	581	40	Recording each patent assignment per property (times number of properties)
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))
Other fee (specify)				
Other fee (specify)				
SUBTOTAL (1)	(\$ 0)	*Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$ 0)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Michael F. Morgan	Registration No. (Attorney/Agent)	42,906	Telephone	330-376-1242
Signature	<i>Michael F. Morgan</i>			Date	11-27-00

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) & 1.27(d))—NONPROFIT ORGANIZATIONDocket Number (Optional)
KSU-189Applicant, ~~Examiner~~, ~~Examiner~~: Jack Kelly, et al.Application No.: ~~Examiner~~Filed ~~Examiner~~:Title: Optical Compensation for Liquid Crystal Display

I hereby state that I am an official empowered to act on behalf of the nonprofit organization identified below.

NAME OF NONPROFIT ORGANIZATION Kent State UniversityADDRESS OF NONPROFIT ORGANIZATION East Main and Lincoln Streets, Kent, OH 44242

TYPE OF NONPROFIT ORGANIZATION:

UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION

TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and 501(c)(3))

NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA
(NAME OF STATE _____)
(CITATION OF STATUTE _____)

WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and 501(c)(3))
IF LOCATED IN THE UNITED STATES OF AMERICA

WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED
STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA
(NAME OF STATE _____)
(CITATION OF STATUTE _____)

I hereby state that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees to the United States Patent and Trademark Office regarding the invention described in:

the specification filed herewith with title as listed above.

the application identified above.

the patent identified above.

I hereby state that rights under contract or law have been conveyed to and remain with the nonprofit organization regarding the above identified invention. If the rights held by the nonprofit organization are not exclusive, each individual, concern, or organization having rights in the invention must file separate statements as to their status as small entities and that no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization having any rights in the invention is listed below:

no such person, concern, or organization exists.

each such person, concern, or organization is listed below.

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

NAME OF PERSON SIGNING Walter AdamsTITLE IN ORGANIZATION OF PERSON SIGNING Vice Provost and Dean of Research & Graduate StudiesADDRESS OF PERSON SIGNING East Main and Lincoln Streets Kent, OH 44242SIGNATURE Walter AdamsDATE 8/13/01

RENNER, KENNER, GREIVE, BOBAK, TAYLOR & WEBER

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November 27, 2000
Via Express Mail

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I hereby certify that this correspondence is being deposited on the date shown below with the United States Postal Service as Express Mail - Label No. EL617150589US - "Express Mail Post Office to Addressee" in an envelope with sufficient postage addressed to: Box Patent Application, Commissioner for Patents, Washington, D.C. 20231.

Laura A. Rehn
(type or print name of person signing paper)

Laura A. Rehn
(signature of person mailing paper)

11-27-00
(date)

TRANSMITTAL SHEET FOR PATENT APPLICATION

Dear Sirs:

Transmitted herewith for filing under 35 U.S.C. §111(a) is a written application for a patent.

Express Mail No.: EL617150589US

Title: Optical Compensation Film for Liquid Crystal Display

Inventors: Oleg Yaroshchuk, Yuri Reznikov, Jack Kelly, Liang-Chy Chien, Tatiana Sergan

Docket No.: KSU-189

November 27, 2000
page 2

Enclosed is:

Transmittal Letter with Certificate of Mailing and Authorization to Charge Deposit Account (2 pages - in duplicate)

Utility Patent Application Transmittal Sheet (1 page)

Fee Transmittal Sheet (1 page - in duplicate)

Print EFS Bibliographic Data Sheet

Combined Declaration and Power of Attorney (3 pages - unexecuted)

Specification:

25 pages of Description
3 pages of Claims
1 page of Abstract
10 pages of Drawings

Statement Claiming Small Entity Status

Check in the amount of \$355.00

Return Receipt Postcard

Authorization to Charge Deposit Account

In the event an additional fee is applicable to the filing of this document and the required fee is not enclosed, or the fee submitted is insufficient, the Commissioner is hereby authorized to charge any fees which might be required to effect the filing of this (these) document (s) to Account No. 18-0987. This authorization is being submitted in duplicate.

Respectfully submitted,

Ray L. Weber
Ray L. Weber, Esq., Reg. No. 26,519

Michael F. Morgan
Michael F. Morgan, Esq., Reg. No. 42,906

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Attorney for Applicants

11-27-00
Date